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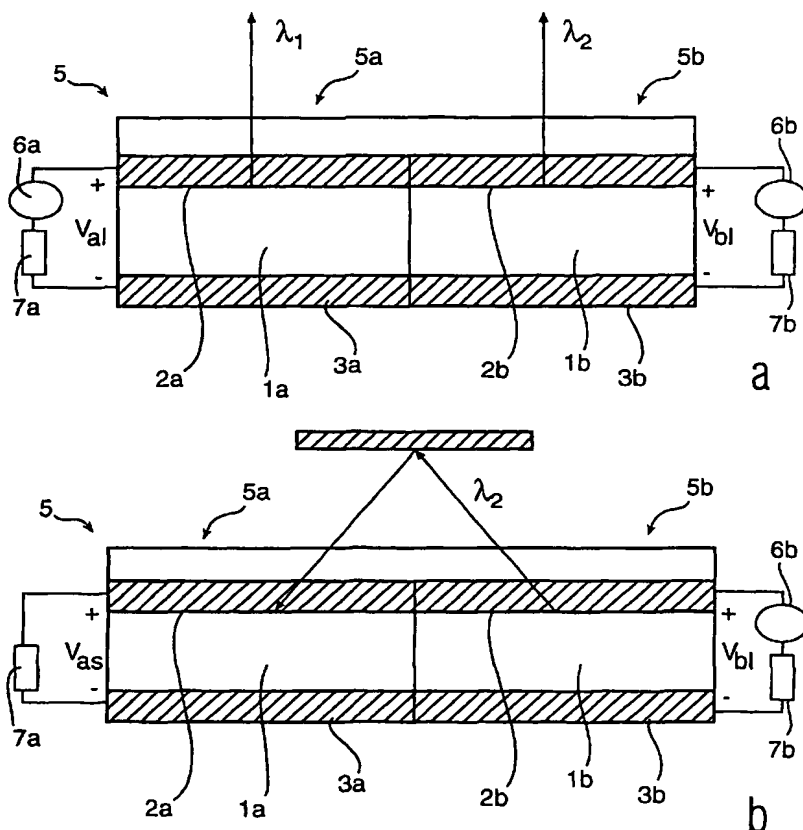
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(54) Title: SCANNING DISPLAY



(57) Abstract: This invention relates to a display device (5) comprising first and a second sub-pixel (5a, 5b), said first sub-pixel (5a) emitting light of a first wavelength ( $\lambda_1$ ) and said second sub-pixel (5b) emitting light of a second wavelength ( $\lambda_2$ ), said first sub-pixel (5a) comprising a first organic electroluminescent layer (1a), such as a polymer or a small- compound molecule layer, which is sandwiched between a front and a back electrode (2a, 3a), with a first state in which an emission driving signal ( $V_{ai}$ ) is applied across said first layer (1a) for generating an emission state in which light of said first wavelength ( $\lambda_1$ ) is emitted, and with a second state in which a sensing driving signal ( $V_{bs}$ ) is applied across said first layer (1a), whereby light of said second wavelength ( $\lambda_2$ ) incident on said first sub-pixel (5a) can be detected. Preferably, said first electrodes (2a, 3a) are held at essentially the same potential.



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## INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 929 845 A (SO FRANKY ET AL) 27 July 1999 (1999-07-27)	1,3-5
A	abstract column 3, line 40 -column 4, line 14; figures	7,8
A	GB 2 315 594 A (CAMBRIDGE DISPLAY TECH) 4 February 1998 (1998-02-04) page 1, line 25 -page 2, line 24 page 6, line 24-30 page 7, line 30 -page 8, line 12	1-7
A	US 5 504 323 A (HEEGER ALAN J ET AL) 2 April 1996 (1996-04-02) cited in the application abstract	1,7

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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